

El Paso Community College

Syllabus

Part II

Official Course Description

SUBJECT AREA	<u>Medical Imaging Technology</u> <u>Radiography</u>
COURSE RUBRIC AND NUMBER	<u>RADR 1411</u>
COURSE TITLE	<u>Basic Radiographic Procedures</u>
COURSE CREDIT HOURS	<u>4 2 :</u> <u>6</u> Credits Lec Lab

I. Catalog Description

Provides an introduction to radiographic positioning terminology, manipulation of equipment, positioning and alignment of the anatomic structure and equipment, and evaluation of images for demonstration of basic anatomy. A grade of "C" or better is required in this course to take the next course. **(2:6). Lab fee.**

II. Course Objectives

Upon satisfactory completion of this course, the student will be able to

- A. Demonstrate and critique positions and movements used in radiography through role-playing between patient and health care provider.
- B. Select and operate diagnostic radiographic equipment.
- C. Produce x-rays of the chest and abdomen.
- D. Radiograph the upper extremities.
- E. Obtain radiographs of the shoulder girdle.
- F. Produce radiographs of the lower extremities.
- G. Radiograph the pelvic girdle.
- H. Discuss physical accommodations when positioning elderly, infants, and disabled Patients.
- I. Discuss the importance of completing the procedures efficiently.
- J. Ensure patient's identity, safety, and comfort and respect patient's dignity.
- K. Identify anatomical structures by using proper medical terminology on radiographs.
- L. Follow verbal and written orders.
- M. Complete radiographic procedures efficiently.
- N. Maintain the integrity of the patient's monitoring equipment.
- O. Assess patients properly for appropriateness of procedure.
- P. Obtain patient's consent for procedure.
- Q. Notify physicians of patient's condition.
- R. Introduce self to patient in a professional manner.
- S. Discuss the proper approach taken while performing medical imaging on a multicultural society.
- T. Produce medical images to verify tube and line placement.
- U. Implement corrective modifications to non-diagnostic medical imaging results.
- V. Achieve radiographic excellence with practice and reproducibility of medical imaging examinations.
- W. Discuss preliminary steps in Radiography and Image Analysis Guidelines.
- X. Correlate patient care and clinical knowledge to the practice of medical imaging procedures.

- Y. Adhere to the scope of practice by practicing the ASRT and ARRT code of ethics.
- Z. Exhibit professional skills by demonstrating proper verbal and nonverbal communication etiquette.

III. THECB Learning Outcomes (WECM)

Upon completing this course, the student will be able to:

1. Define radiographic positioning terms.
2. Manipulate equipment.
3. Perform basic level procedures in positioning.
4. Align anatomic structures and equipment.
5. Evaluate images.

IV. Evaluation

A. Didactic Grading Scale

93 - 100	= A
85 - 92	= B
75 - 84	= C
65 - 74	= D
64 & below	= F

B. Laboratory Grading Scale

96 - 100	= A
91 - 95	= B
85 - 90	= C
84 & below	= F

C. Weighted Percentage Breakdown

Didactic	= 70% of total grade
Laboratory	= <u>30% of total grade</u>
TOTAL	100%

No grade of less than "C" will be considered as successful completion of a professionally related course.

D. Postassessment

Post assessment will occur following the completion of each unit. Written Examinations will be used for the didactic portion of the grade and performance tests will be employed for the laboratory portion of the grade.

E. Remediation

Students who fail a unit examination will be directed back to the particular unit for additional study. In the laboratory a grade of below 85% is considered failure of a laboratory performance test and remediation will be assigned.

V. Disability Statement (Americans with Disabilities Act [ADA])

EPCC offers a variety of services to persons with documented sensory, mental, physical, or temporary disabling conditions to promote success in classes. If you have a disability and believe you may need

services, you are encouraged to contact the Center for Students with Disabilities to discuss your needs with a counselor. All discussions and documentation are kept confidential. Offices located: VV Rm C-112 (831-2426); TM Rm 1400 (831-5808); RG Rm B-201 (831-4198); NWC Rm M-54 (831-8815); and MDP Rm A-125 (831-7024).

VI. 6 Drop Rule

Students who began attending Texas public institutions of higher education for the first time during the Fall 2007 semester or later are subject to a 6-Drop limit for all undergraduate classes. Developmental, ESL, Dual Credit and Early College High School classes are exempt from this rule. All students should consult with their instructor before dropping a class. Academic assistance is available. Students are encouraged to see Counseling Services if dropping because exemptions may apply. Refer to the EPCC catalog and website for additional information.

VII. Title IX and Sex Discrimination

Title 9 (20 U.S.C. 1681 & 34 C.F.R. Part 106) states the following "No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any educational program or activity receiving Federal financial assistance." The Violence Against Women Act (VAWA) prohibits stalking, date violence, sexual violence, and domestic violence for all students, employees and visitors (male and female). If you have any concerns related to discrimination, harassment, or assault (of any type) you can contact the Assistant to the Vice President for Student and Enrollment Services at 915-831-2655. Employees can call the Manager of Employee Relations at 915-831-6458. Reports of sexual assault/violence may also be reported to EPCC Police at 915-831-2200.